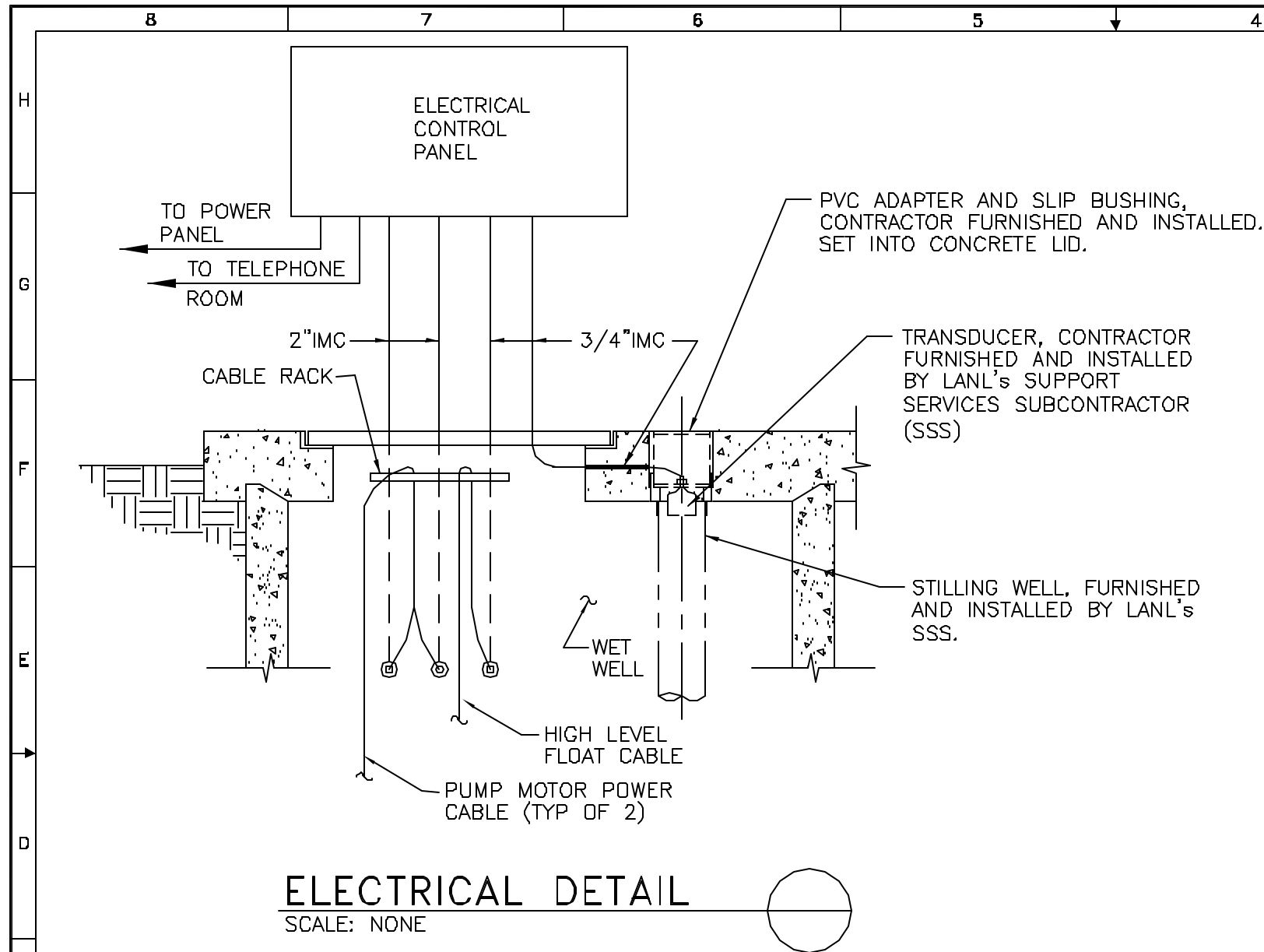


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NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWING)

1. REVIEW DETAILS AND EDIT AS NEEDED TO SUIT PROJECT REQUIREMENTS.
2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
A. SPEC 02530, SUBMERSIBLE SEWAGE PUMPS.
B. CIVIL DRAWING ST3009, TRACER WIRE DETAIL.
C. CIVIL DRAWING ST3011, BOLLARD DETAILS.
3. TRACER WIRE REQUIRED IN ALL PLASTIC, DUCTILE IRON, OR CAST IRON, OR CAST IRON PIPING.
4. PROVIDE BOLLARDS IF VEHICLES ARE LIKELY TO IMPACT LIFT STATION.
5. LOCATE LIFT STATION SO THAT IT IS EASILY ACCESSIBLE FOR MAINTENANCE BY SERVICE VEHICLE.
6. SELECT PUMPS TO OPERATE WITHIN THE CAPACITY RANGE RECOMMENDED BY THE MANUFACTURER.
7. IT IS PREFERRED TO SELECT A PUMP THAT HAS A STEEP SLOPING CURVE.
8. LOCATE LIFT STATION ON SOUTH SIDE OF BUILDING (IF POSSIBLE).
9. LOCATION OF ELECTRICAL CONTROL PANEL AND CONCRETE PAD SHALL BE DETERMINED BY FIELD CONDITIONS. COORDINATE LOCATION WITH THE LANL UTILITY GROUP WASTEWATER REPRESENTATIVE.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE)

1	0-5-02	U	DRAWING REVISED AND TRANSFERRED TO CIVIL CHAPTER, DWG No. WAS ST6010, CHAPTER 6	RP	EH	MT	EH	TO
NO	DATE	CLASS	DESCRIPTION	OWN	VER	CHKD	SUB	APP
FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE								
LANL ENGINEERING MANUAL				DRAWN	R. PEARSON			
DUPLEX SANITARY SEWAGE LIFT STATION, NOTES AND ELECTRICAL DETAIL				DESIGN	E. HOTH			
BLDG. X				CHECKED	M. TRUJILLO			
SUBMITTED FOR RELEASE				DATE	0-28-99			
DISCIPLINE POC: E. HOTH				STANDARDS MANAGER: TOBIN GRUCH				
Los Alamos NATIONAL LABORATORY				SHEET		4		
PO Box 1663 Los Alamos, New Mexico 87545				4		OF		4
CLASSIFICATION U			REVIEWER LARRY BAYS	DATE		REV		
PROJECT ID			DRAWING NO		REV		1	
CHAPTER 3			ST3710		REV		1	